

Study Programme: **N0511A030051 - Plant Biology**

Academic Year: **2026/2027**

Credit limit: **120**

Specialization: **Plant Biology**

Version: **2021**

Studies: **Full-time**

Credit limit: **120**

Study plan title: **PBIOL IA18**

### Obligatory Subjects (A)

Number of courses: **19** credits: **87**

Abbreviation	Course name	Meaning	Number of credits	Course extent L+T+Sem	Finalization	Recomm. Year Sem.
BOT/GME	General Mycology	Teoretický	3	2+0+0	Zk	1 ZS
BOT/ZFPE	Phytopathology	Teoretický	3	2+0+0	Zk	1 ZS
EKO/MVPOE	Methods of Scientific Research	Profilující	3	0+0+2	Ko	1 ZS
EKO/PEEPE	Soil Science and Soil Ecology	Profilující	4	2+1+0	Zk	1 ZS
KBB/CONGE	Conservation Genetics	Profilující	3*	2+0+0	Zk	1 ZS
LRR/SFRZE	Plant Physiology	Teoretický	3	2+0+0	Zk	1 ZS
BOT/BIKRE	Principles of Classification of Plants	Teoretický	5	2+2+0	Zk	1 LS
BOT/BRGME	Biotechnology of Plants	Teoretický	5	2+2+0	Zk	1 LS
BOT/DPBE1	Master's Diploma Thesis 1	Teoretický	7	0+5+0	Zp	1 LS
BOT/EKRE	Plant Ecology	Teoretický	3	2+0+0	Zk	1 LS
BOT/LPXE1	Laboratory Practice 1	Profilující	6	0+1TS+0	Zp	1 LS
BOT/MMSRE	Practicals Training in Molecular Markers	Profilující	3	1+1+0	Zk	1 LS
BOT/BSTSE	Biostatistics	Profilující	5	2+2+0	Zk	2 ZS
BOT/DPBE2	Master's Diploma Thesis 2	Teoretický	10	0+7+0	Zp	2 ZS
BOT/FTGSE	Plant Geography	Teoretický	3	2+0+0	Zk	2 ZS
BOT/LPXE2	Laboratory Practice 2	Profilující	6	0+1TS+0	Zp	2 ZS
BOT/SROE	Plant Breeding - General Part	Teoretický	4	2+1+0	Zk	2 ZS
BOT/DPBE3	Master's Diploma Thesis 3	Teoretický	7	0+5+0	Zp	2 LS
BOT/SRSE	Plant Breeding - Special Part	Teoretický	4*	2+1+0	Zk	2 LS

### State Final Examination (A)

Number of courses: **5** credits: **0**

Abbreviation	Course name	Meaning	Number of credits	Course extent L+T+Sem	Finalization	Recomm. Year Sem.
BOT/SZZTE	Plant Taxonomy and Geography		0	0+0+0	Szv	2 LS
BOT/SZZEE	Ecology and Agroecology		0	0+0+0	Szv	2 LS
BOT/SZZPE	Biotechnology and Plant Physiology		0	0+0+0	Szv	2 LS
BOT/SZZBE	Plant Breeding and Phytopathology		0	0+0+0	Szv	2 LS
BOT/OBHDP	MA Thesis		0	0+0+0	Odp	2 LS

### Elective Courses 1 (B)

Selection min.: **7 cr.**

Abbreviation	Course name	Meaning	Number of credits	Course extent L+T+Sem	Finalization	Recomm. Year Sem.
EKO/AZHOE	Agroecology and Basics of Agric. Man.	Profilující	3	2+0+0	Zk	1 ZS
ZOO/ADE	Data Analysis	Profilující	3	1+1+0	Zk	1 ZS
KCB/MVE	Plant Mineral Nutrition	Profilující	2	1+0+0	Zk	1 LS
BOT/RBPEN	Lessons from Plant Reproduction Biology	Profilující	3	2+0+0	Zk	2 ZS

### Elective Courses 2 (B)

Selection min.: **13 cr.**

Abbreviation	Course name	Meaning	Number of credits	Course extent L+T+Sem	Finalization	Recomm. Year Sem.
BOT/DENE	Dendrology		4	1+2+0	Zk	1 ZS
EKO/ZZEE	Basic Ecology		3*	2+0+0	Zk	1 ZS
BOT/FPRX1	Field Practice 1		6	0+1TS+0	Zp	1 LS
BOT/KVAPE	Syst. Anatomy & Morph. of Vasc. Plants		3	1+1+0	Ko	1 LS
BOT/FPRX2	Field Practice 2		6	0+1TS+0	Zp	2 ZS
BOT/RBROE	Radiobiology		3	2+0+0	Zk	2 ZS

**Elective Courses 3 (B)****Selection min.: 11 cr.**

Abbreviation	Course name	Meaning	Number of credits	Course extent L+T+Sem	Finalization	Recomm. Year Sem.
BOT/VPBSB	Flying Seminars in Botany 2		1	1+0+0	Zp	1 ZS
BOT/VPAU	Flying Seminars in Botany 1		1	1+0+0	Ko	1 LS
VCJ/ATB1	English Terminology for Biology 1		3*	0+2+0	Zp,Zk	
BOT/DENEX	Dendrological Excursion		3	0+3DS+0	Ko	LS
BOT/FYTEX	Phytopathological Excursion		4	0+3DS+0	Zp	LS
BOT/MOBEX	Biodiversity Hotspots of Central Moravia		2	0+5DS+0	Zp	LS